



# FALCON SWAP

Fully Decentralized Protocol for Automated Dividends Provision on Ethereum

# Introduction

A smart contract is a self executing contract the has a programmed protocol to follow and is deployed on the public blockchain, a smart contract can store value and execute transfers when the requirements of the contract has been met.

It has the characteristics of being immutable, tamper-proof, scam proof, fair, just and fully transparent.

It acts strictly according to the pre written rules of the contract, nothing less nothing more, it is 100% decentralized meaning that there's no central point such as a company or authority in of control of the contract. It can not be stopped, it can not be shut down and you can not be banned from the program.

There are no limits to what a smart contract algorithm can do, the smart contract is there to simply perform the action it has been programmed to do when the contract requirements have been met, without the need of a third party or human intervention.

# What is Falcon Swap?

FalconSwap is a protocol for exchanging ERC-20 tokens and DeFi yield farming on Ethereum. It eliminates trusted intermediaries and unnecessary forms of rent extraction, allowing for fast, efficient trading. Where it makes tradeoffs decentralization, censorship resistance, and security are prioritized.

FalconSwap provides users with a seamless swapping tool to exchange Ethereum and FAL tokens, and allow FAL holders to earn 100% swapping fees instantly generated from the Falcon protocol.

# How does FalconSwap work?

FalconSwap is an automated dividend protocol. In practical terms this means there are template smart contracts that define a standard way to make dividends pools and corresponding markets that are compatible with each other. There is no orderbook, no centralized party and no central facilitator of trade. Each pool is defined by a smart contract that includes a few functions to enable swapping tokens, compounding tokens and more.

# What is FAL token?

FAL is the Falcon Protocol token. FAL holders will have immediate ownership of FalconSwap governance, FalconSwap fees, voting rights, FalconSwap default list etc.

FAL holders will receive 100% swapping fees in Ethereum. After buying FAL tokens the smart contract automatically recognizes your holdings and generates dividends in Ethereum.

There is also NO lock-in period on your ability to sell, transfer or anything else you do within the protocol. You are always able to exit your position whenever you like, in full.

# FAL token issuance algorithm

Unlike many other crypto coins which price is usually determined by centralized exchanges that are susceptible to wash trading and price manipulation, in Falcon protocol the FAL token price is managed by an incorruptible algorithm in the smart contract code.

Simply put what this part of the code does is increases the FAL token price as FAL are bought and decreases the price as FAL are sold. When FAL are bought they are minted by the contract and added to the total supply, the Ethereum collected in the sale is stored safely in the contract. When FAL are sold Falcon protocol burns them and decreases the total supply. FAL can only be minted when Ethereum is sent to the contract, when FAL are sold they are burned and the Ethereum value they represent in the contract is released.

In conclusion, FAL token doesn't have a set minimum or maximum supply. FAL token is not owned and controlled by any developers and admins. Everyone is fair to own a piece of FAL tokens by directly swap with the Falcon protocol.



# FAL token price algorithm(Part I)



The FAL token value starts at 0.00000001 ETH, as each FAL after that is minted the value of each token in the supply will increase by 0.00000001 ETH. Whenever a FAL is sold the price will decrease by the same 0.00000001 ETH.

The FAL price is calculated by Falcon protocol in Ethereum and for total liquidity that amount of Ethereum from the contract balance is allocated to each token for when anyone wants to sell tokens and remove Ethereum. Having an Ethereum backed token like this is another way Falcon improves on the current systems by being the most liquid token possible, all of the Ethereum required to pay all holders their Ethereum should they wish to withdraw is held in Falcon contract balance, this ensures total liquidity unlike other liquidity pools where liquidity can be pulled from the ecosystem and everyone is left not able to sell.



## FAL token price algorithm(Part II)



It also introduces the possibility of multi dimensional gains, put simply, not only can the price of the FAL token go up and down in ETH amount but the USD/ETH value of that ETH can also go up and down independently. We not only get the price appreciation as more people buy tokens, we also get price appreciation as the ETH/USD value increases.

The Falcon ecosystem is designed in a way that protects FAL holders from market manipulation, the mechanism used by Falcon to achieve this is the 10% fee on all buys, sells and transfers. This helps protect the token holders in the event of large buying or selling as all holders will receive dividend earnings from any attempt to crash or manipulate the market. All of the fees collected are instantly distributed back to all FAL holders in the form of direct Ethereum dividends.



# How does Falcon generate dividends for FAL holders?

There is a 10% fee for every swap transaction occurs in the Falcon smart contract. 100% of the swap fee gets instantly distributed to FAL token holders as dividends.

The swap fee is considered as income stream from the Falcon ecosystem and acts as motivation for FAL token holders to buy more FAL and therefore increase the token value continuously. The fee is also a reward for FAL holders for holding the token and grow with the platform together.

In the near future, more dividends will be generated through dApps such as E-sports, dice games and lottery games connected to the FALCON protocol.

# FAL Holders Rewards

FAL holders are entitled to receive 100% of swapping fees generated from FalconSwap. Falcon smart contract instantly distributes ethereum dividends to FAL holders as they are generated.

For example, if you're holding 1% of total circulating FAL supply and the daily FalconSwap volume is \$10 million USD, below is a simple chart for your daily, weekly and yearly profits:

	Total Swap Volume	Total Falcon Swap fees	Your share of dividends
Daily	\$10 million USD	\$1,000,000 USD	\$10,000
Monthly	\$300 million USD	\$30,000,000 USD	\$300,000
Yearly	\$3.6 billion USD	\$360,000,000 USD	\$3,600,000



# Falcon Yield Farming

Falcon yield farming will be launched shortly after FalconSwap starts. FAL holders will be able to participate in farming first by staking FAL and FAL/ETH LP tokens.

The farming will further boost the demand of FAL tokens and expand the use case for FAL, therefore boosting the FAL price.

Falcon yield farming is expected to attract larger amount of new FAL holders and lock in millions dollars of FAL in the farming pool.



# Falcon Referral Program

You can easily advertise the platform with your own referral link and earn more referral dividends. You receive 5% of every buy swap that occurs through your activated referral link. So, if someone swap 100 eth for FAL tokens, you get 5 eth instantly.



# Steps to participate in Falcon Swap FALCON

FalconSwap runs on Ethereum Blockchain. You will need Ethereum (ETH) for transaction fees and ETH to participate.

For PC users: You need a browser which supports web3 (e.g. Firefox or Chrome with Metamask, Brave etc.) .

For mobile users: You can download imToken Wallet, Trustwallet, Tokenpocket wallet or Bitkeep wallet etc. Links below:

imToken: <https://token.im/>

Trustwallet: <https://trustwallet.com/>

TokenPocket: <https://www.tokenpocket.pro/zh/download/app>

Bitkeep: <https://bitkeep.org/>



# Verified Falcon Smart Contract

FalconSwap smart contract is fully open source and verified on Etherscan.org.

Users have total access to their funds 24 hours a day 7 days a week, Falcon protocol is always running and accessible with no human dependence or intervention possible ever. Falcon works directly with your Ethereum wallet, your wallet is the security login to Falcon and you can only access your funds in Falcon with your wallet, there is no third party that can hold or prevent you access, you deal with Falcon directly by connecting your wallet to Falcon, you can do this using independent websites like etherscan.io or use one of the many user interface websites that are connected to the Falcon contract.